

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/733,055
Filing Date	December 11, 2000
Confirmation Number	
First Named Inventor	Michael I. Miller
Group Art Unit	2623
Examiner Name	

Sheet	1	of	1	Attorney Docket No.	ITX 5692
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RECEIVED**U.S. PATENT DOCUMENTS**

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Technology Center 2600 Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
AB	12	5,778,043		Cosman	07/07/1998
AB	13	5,787,886		Kelly et al.	08/04/1998
AB	14	5,859,891		Hibbard	01/12/1999

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
AB	15	STUDHOLME, "Automated 3-D Registration of MR and CT Images of the Head," Medical Image Analysis, 1996, Vol. 1, No: 2, pp. 163-175	
AB	16	BROWN, "A Survey of Image Registration Techniques," ACM Computing Surveys, December 1992, Vol. 40, No. 1, pp. 326-376	
AB	17	PRATT, "Correlation Techniques of Image Registration," IEEE Transactions on Aerospace and Electronic Systems, May 1974, Vol. AES-10, No. 3, pp. 353-358	
AB	18	MAES et al., "Multi-Modality Image Registration by Maximization of Mutual Information," IEEE Proceedings of NMBIA, June 1996, pp. 14-22	
AB	19	VIOLA et al., "Alignment by Maximization of Mutual Information," Proceedings of Fifth International Conference on Computer Vision, June 1995, pp. 16-23	
AB	20	COLLINGNON et al., "Automated Multi-Modality Image Registration Based on Information Theory," Information Processing in Medical Imaging, 1995, pp. 263-274	

Examiner Signature	<i>Anand Bhatnagar</i>	Date Considered	6/20/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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**SUPPLEMENTAL INFORMATION
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Sheet 1 of 1

		<i>Complete if Known</i>	
Application Number		09/733,055	
Filing Date		December 11, 2000	
Confirmation Number		2768	
First Named Inventor		Miller	
Group Art Unit		2621	
Examiner Name		A. Johns	
Attorney Docket No.		ITX 5692	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
AB	21	5,675,720		Sato et al.	10-07-1997
AB	22	5,871,018		Delp et al.	02-16-1999
AB	23	6,112,112		Gilhuijs et al.	08-29-2000
AB	24	6,175,655	B1	George, III et al.	01-16-2001
AB	25	6,278,457	B1	Bernardini et al.	08-21-2001
AB	26	6,300,958	B1	Mallet.	10-09-2001
AB	27	6,366,800	B1	Vining et al.	04-02-2002
AB	28	6,393,159	B1	Prasad et al.	05-21-2002

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Examiner Signature	<i>Anand Bhattacharjee</i>	Date Considered	6/21/04
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Group Art Unit	2623
Examiner Name	RECEIVED

Sheet 1 of 2 Attorney Docket No. ITX 5692 JAN 14 2002

U.S. PATENT DOCUMENTS					Technology Center 2600
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
AB	1	5,383,454		Bucholz	01/24/1995
AB	2	6,009,212		Miller et al.	12/28/1999
AB	3	6,226,418	B1	Miller et al.	05/01/2001

OTHER ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
AB	4	MAES et al., "Multi-Modality Image Registration by Maximization of Mutual Information," Proceedings of MMBIA, 1996, pp. 14-22, Belgium				
AB	5	SRUDHOLME et al., "Automated 3-D Registration of MR and CT Images of the Head," Medical Image Analysis, 1996, pp. 163-175, Vol. 1, No. 2, Oxford University Press, London				
AB	6	VIOLA et al., "Alignment by Maximization of Mutual Information," IEEE, 1995, pp. 16-23, USA				
AB	7	PRATT, "Correlation Techniques of Image Registration," IEEE Transactions on Aerospace and Electronic Systems, 1974, pp. 353-358, Vol. AES-10, No. 3, USA				
AB	8	BROWN, "A Survey of Image Registration Techniques," ACM Computing Surveys, 1992, pp. 325-376, Vol. 24, No. 4, USA				

Examiner Signature	<i>Ronald Patnazar</i>	Date Considered	<i>6/20/04</i>
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		Attorney Docket No.	ITX 5692

<i>AB</i>	9	GRENANDER et al., "Computational Anatomy: An Emerging Discipline," 50th Anniversary Symposium for the Division of Applied Mathematics, 1998, 58 pages, USA	
<i>AB</i>	10	COLLIGNON, et al., "Automated Multi-Modality Image Registration Based on Information Theory," Information Processing in Medical Imaging, 1995, pp. 263-274, Kluwer Academic Publishers, The Netherlands	
<i>AB</i>	11	PELIZZARI, et al., "Accurate Three-Dimensional Registration of CT, PET, and/or MR Images of the Brain," Journal of Computer Assisted Tomography, 1989, pp. 20-26, Raven Press, Ltd., USA	

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